BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work:- Upgradation , New Landscape Development and Maintenance of Parks at Yelahanka Zone (Package Consists of 8 Works)

1. Upgradation and Maintenance of park at Yelahanka Lake Park

(Amount In lakhs Rs.60.00)

Sl. No	Description of item	Unit	Qty	Rate	Amount
	Total Park Area 9000 Sqmt.				
	Total Hard Scape area 1000 Sqmt.				
	Total area left for Landscape Development: 8000sqmt.				
1	SITE /JUNGLE CLEARENCE:-Cutting and clearing thin jungle including Removal of roots with a intitial lead of 50 m and life of 1.50 m and General cleaning Removal of Dried leaves, soid waste and cleaning of the area (BBMP SR 2019-20)	Sq.m	8000	8.50	68000.00
2	Shrubs in Groups				
a	Developing the area for Shrubs by digging to a depth of 0.45m, filling 50% with sand (0.0375 cum), Fym (0.075 cum), Red Earth (0.21cum) (i.e, in the proportion of 1:2:3). And planting with . well established plants.(8 Plants per sq mtr) Exclusive of cost of plants & inclusive of ingredients. (BBMP SR 2019-20)	Sq.m	2427	435.00	1055745.00
b	Cost of the plant (8 Plants per sqm) including Transportation and Handling charges (BBMP SR 2019-20)	Sq.m	2427	600.00	1456200.00
3	Planting of Ground cover plants :				
a	Developing the area for ground cover herbal plants by digging 1x1x0.45m, filling 50% of the area with excavated top soil & remaining 50% with sand (0.0375 cum), Fym (0.075 cum), Red earth (0.112 cum). (i.e., in the preparation of 1:2:3) Exclusive of cost of plants & inclusive ingredients (BBMP SR 2019-20)	Sq.m	500	435.00	217500.00
	Cost of the plant (10 Plants per sqm) including Transportation and Handling charges)(BBMP SR 2019-20)	Sq.m	500	350.00	175000.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
4	Development of lawn:-				
	Scrapping and Removing top soil:-				
a	Cleaning the site by scrapping and removing top layer of soil , removing unwanted debris, grass along with excavated earth to a distance of 500M from the spot, including lead, lift loading and unloading Charges (1x1x0.15m) (BBMP SR 2019-20)	sqm	900	69.04	
	1st Digging For Lawn				
b	Earth work digging including removing weeds, debris, if any and breaking of clumps, watering etc., to depth of 0.45m (1x1x0.45m) (BBMP SR 2019-20)	sqmt	900	97.16	
	2ndDigging For Lawn				
c	Digging for second time and removing weeds, if any minor. leveling.to depth of 0.45m (1x1x0.45m)(BBMP SR 2019-20)	sqm	900	48.58	
	Soil filling for lawn :				
d	Supplying and stocking of good quality red earth filling for the top layer to depths of 0.15m (1x1x0.15m) (BBMP SR 2019-20)	Sq.m	900	65.81	
e	Providing sand, FYM and Red earth in the ratio of 1:3:6 and spreading to a depth of 7.5 cm at the required site. (BBMP SR 2019-20)	Sq.m	900	53.80	
	Sand (0.075 cu.m/Sqm), /Rs.10.87				
	FYM (0.0225Cu.m /Sqmt Rs.23.19				
	Red earth (0.045 Cu.m/Sq.m) 19.74				
f	Chemicl Fertilizers:				
	Super phospates (50gm/Sq.m Rs.0.1.00/Sq.m, Neem oil cake (250gm/Sqm Rs.6.00/Sqm, Bone meal (250 gm/Sqm, Rs.4.00/Sqm Potash (50gm/Sqm Rs.1.00/sq. Furodon (25gm/Sq.m, Rs.2.00/sq.m Ammonium sulphate (100 gm/Sq.m.Rs.2.00/Sqm (BBMP SR 2019-20)	gm /Sq.m	900	16.00	
g	Supply of lawn grass-Mexican Grass Turf (BBMP SR 2019-20)	Sq.m	900	240.00	

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Sl. No	Description of item	Unit	Qty	Rate	Amount
h	Other Charge: cost twoards dibbling /laying of lawn inclusive of mixing of ingradents, application of manure and spreading (5x5 Cm)(BBMP SR 2019-20)	Sq.m	900	84.00	
	Total cost for Developing Lawn :- Mexican Grass	Sq.m	900	674.39	606951.00
	Supplying & planting of specimen plants				
5	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Plumeria (Singaporensis)** 60cm - 90 cm) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	80	2500.00	200000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Ficus Ponda(90cm - 150cmm** ht) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	75	2500.00	187500.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Raphis Exalsa (90 cm - 120 cm)** including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	70	1500.00	105000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Terminalia Mantaly (150cm-** 210cm) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	65	2100.00	136500.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of Golden Cyprus (90 cm - 120 cm) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	100	1500.00	150000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of Plumeria Singaporensis dwarf (60 to 90cm)including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	60	2500.00	150000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of Yucca Specious (60 to 90cm)including cost of plant, materialsm transporation and handling & Planting cost)(BBMP SR 2019-20)	Each	55	1500.00	82500.00
6	Sprinklers System:-				
	Providing and fixing of sprinkler system within the site by using 25mm/10kg, 40mm/6kg, 50mm/6kg good quality PVC pipes, ISI marked Sprinklers, control valves and fitting etc., Including excavation and back filling treches, (Excluding of providing borewell, electrification and pump) As per the specification and direction of the concerned officer. Rates may be quoted as per data rate specific tothe field condition.(BBMP SR 2019-20)	Each	69	4000.00	276000.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
7	Park Maintenance:- for 2 Months (BBMP SR 2017-18)	Sqmt	8000	20.83	166640.00
				Sub Total Non GST Items	166640.00
				Sub Total GST Items	4866896.00
				GST 18%	876041.28
				Total	5909577.28
				0.5% FOR DPR CHARGES	30000.00
				0.5% FOR PMC CHARGES	30000.00
				Miscellaneous	30422.72
				Grand Total	6000000.00
				(Rupees Sixty Lakhs Only)	

CERTIFICATE

1 Certified that I have inspected the area and prepared the estimate.

2 Certified that the work proposed in this estimate is not included in any other scheme.

3 Estimate is prepared based on the BBMP Horticulture SR 2017-18 & 2019-20

4 Gst/Govt Applicable Charges based on Government Order

P.M. Malapadoe

Horticulture Assistant

Yelahanka zone

Senior Assistant Director of Horticulture

Yelahanka zone

RUDRAPRASAD CONSULTANTS BANGALORE

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BRUHAT BANGALORE MAHANAGARA PALIKE

Name of the work:- Upgradation , New Landscape Development and Maintenance of Parks at Yelahanka Zone (Package Consists of 8 Works)

2. New Landscape Development and Maintenance of park at GKVK in Shivanahalli and Vinivink Shastry Layout (Lalbahuddur Shasthry) Park

(Amount In lakhs Rs.70.00)

Sl. No	Description of item	Unit	Qty	Rate	Amount
	Total Park Area 9500 Sqmt.				
	Total Hard Scape area 1000 Sqmt.				
	Total arealeft for Landscape Development: 8500 sqmt.				
1	SITE /JUNGLE CLEARENCE:-Cutting and clearingthin junglr including Removal of roots with a intitial lead of 50 m and life of 1.50 m and General cleaning Removal of Dried leaves, soid waste and cleaning of the area (BBMP SR 2019-20)	Sq.m	8500	8.50	72250.00
2	Planting of Trees				
a	Digging pits of size 0.75m,x0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand (0.035Cum), Fym(0.70Cum) Red Earth (0.105 Cum) (i.e., in the proportaion of 1:2:3) and planting with well established plants Exclusive of cost of Plants & inclusive of ingredients.(BBMP SR 2019-20)				
b	Cost of the plant				
	2.5' -5' Height				
	5' - 10' Height	Each	65	600.00	39000.00
3	Shrubs in Groups				

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Sl. No	Description of item	Unit	Qty	Rate	Amount
a	Developing the area for Shrubs by digging to a depth of 0.45m, filling 50% with sand (0.0375 cum), Fym (0.075 cum), Red Earth (0.21cum) (i.e, in the proportion of 1:2:3). And planting with . well established plants.(8 Plants per sq mtr) Exclusive of cost of plants & inclusive of ingredients. (BBMP SR 2019-20)	Sq.m	2543	435.00	1106205.00
b	Cost of the plant (8 Plants per sqm) including Transportation and Handling charges (BBMP SR 2019-20)	Sq.m	2543	600.00	1525800.00
4	Planting of Ground cover plants :				
a	Developing the area for ground cover herbal plants by digging 1x1x0.45m, filling 50% of the area with excavated top soil & remaining 50% with sand (0.0375 cum), Fym (0.075 cum), Red earth (0.112 cum). (i.e., in the preparation of 1:2:3) Exclusive of cost of plants & inclusive ingredients (BBMP SR 2019-20)	Sq.m	500	435.00	217500.00
b	Cost of the plant (10 Plants per sqm) including Transportation and Handling charges) (BBMP SR 2019-20)	Sq.m	500	350.00	175000.00
5	Development of lawn:-				
	Scrapping and Removing top soil:-				
a	Clearing the site by scrapping and removing top layer of soil , removing unwanted debris, grass along with excavated earth to a distance of 500M from the spot, including lead, lift loading and unloading Charges (1x1x0.15m)(BBMP SR 2019-20)	sqm	1800	69.04	
	1st Digging :				
b	b) Earth work digging including removing weeds, debris, if any and breaking of clumps, watering etc., to depth of 0.45m (1x1x0.45m) (BBMP SR 2019-20)	sqmt	1800	97.16	
	2nd Digging :				

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Sl. No	Description of item	Unit	Qty	Rate	Amount
c	Digging for second time and removing weeds, if any minor. leveling.to depth of 0.45m (1x1x0.45m)(BBMP SR 2019-20)	sqm	1800	48.58	
	Soil filling for lawn :				
d	Supplying and stocking of good quality red earth filling for the top layer to depths of 0.15m (1x1x0.15m)(BBMP SR 2019-20)	Sq.m	1800	65.81	
e	Providing sand, FYM and Red earth in the ratio of 1:3:6 and spreading to a depth of 7.5 cm at the required site. ,(BBMP SR 2019-20)				
	Sand (0.075 cu.m/Sqm)	sqm	1800	53.80	
	FYM (0.0225Cu.m /Sqmt				
	Red earth (0.045 Cu.m/Sq.m)				
	Chemicl Fertilizers:				
f	Super phospates (50gm/Sq.m Rs.0.1.00/Sq.m, Neem oil cake (250gm/Sqm Rs.6.00/Sqm, Bone meal (250 gm/Sqm, Rs.4.00/Sqm Potash (50gm/Sqm Rs.1.00/sq. Furodon (25gm/Sq.m, Rs.2.00/sq.m Ammonium sulphate (100 gm/Sq.m. Rs.2.00 /Sqm (BBMP SR 2019-20)	gm/Sq.m	1800	16.00	
g	Supply of lawn grass-Phaspulam	Sq.m	1800	15.00	
h	Other Charge: cost twoards dibbling /laying of lawn inclusive of mixing of ingradents, application of manure and spreading (5x5 Cm) (BBMP SR 2019-20)	Sq.m	1800	84.00	
	Total cost for Developing Lawn :- Phaspulam	Sq.m	1800	449.39	808902.00
6	Supplying & planting of specimen plants				
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of Ficus Ponda (90cm - 150cmm ht) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	85	2500.00	212500.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Ficus Benjimina Black (90cm - 150cmm ht)** including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	95	2500.00	237500.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Golden Cyprus (90 cm - 120 cm)**ht including cost of plant, materialsm transporation and handling & Planting cost)(BBMP SR 2019-20)	Each	96	1500.00	144000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Plumeria Singaporensis dwarf (60 cm - 90cm)**ht including cost of plant, materialsm transporation and handling & Planting cost)(BBMP SR 2019-20)	Each	70	2500.00	175000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Woodyetia Bifurecata (120cm - 150cm)**ht including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	60	2500.00	150000.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of Ficu Starlite (90cm - 150cmm ht) ht including cost of plant, materialsm transporation and handling & Planting cost)(BBMP SR 2019-20)	Each	60	2500.00	150000.00
7	Sprinklers System				
	Providing and fixing of sprinkler system within the site by using 25mm/10kg, 40mm/6kg, 50mm/6kg good quality PVC pipes, ISI marked Sprinklers, control valves and fitting etc., Including excavation and back filling treches, (Excluding of providing borewell, electrification and pump) As per the specification and direction of the concerned officer. Rates may be quoted as per data rate specific tothe field condition.(BBMP SR 2019-20)	Each	76	4000.00	304000.00
8	Park Maintenance:- (For 2 Months) (BBMP SR 2017-18)	Sq.m	8500	20.83	177055.00
9	Supplying of Water to medians, Circles, Islands and Tendersure Road through water tankers including transportation, Water and Handling charges watering at alternate day (i.e 150 days) excluding rainy days (12 litre/sqm/@a time Rs.1400/- tanker of 6000 lirtre capacity) Rs.420/-/sqm @ alternate days 30 days watering (Approved data rate) (3 Tanker) (BBMP SR 2019-20)	days 9X30	270	1400.00	378000.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	Sub Total Non GST Items				177055.00
	Sub Total GST Items				5695657.00
	GST 18%				1025218.26
	Total				6897930.26
	0.5% FOR DPR CHARGES				35000.00
	0.5% FOR PMC CHARGES				35000.00
	Miscellaneous				32069.74
	Grand Total				7000000.00
	(Rupees Seventy Lakhs Only)				

CERTIFICATE

1 Certified that I have inspected the area and prepared the estimate.

2 Certified that the work proposed in this estimate is not included in any other scheme.

3 Estimate is prepared based on the BBMP Horticulture SR 2017-18/2019-20

4 Gst/Govt Applicable Charges based on Government Order

P. M. Malepardesi
Horticulture Assistant
Yelahanka zone

Senior Assistant Director of Horticulture
Yelahanka zone

RUDRAPRASAD CONSULTANTS BANGALORE

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BRUHAT BANGALORE MAHANAGARA PALIKE					
Name of the work:- Upgradation , New Landscape Development and Maintenance of Parks at Yelahanka Zone (Package Consists of 8 Works)					
3. Upgradation and Maintenance of parks at 4th Stage Behind MIRANDAA school in Yelahanka newtown (5-10) and SFS 407, 4th Main Road park in Yelahanka Newtown (P-407-1)					
					(Amount In lakhs Rs.80.00)
Sl. No	Description of item	Unit	Qty	Rate	Amount
	Total Park Area 16970 Sqmt.				
	Total Hard Scape area 6970 Sqmt.				
	Total arealeft for Landscape Development: 10000 sqmt.				
1	SITE /JUNGLE CLEARENCE:-Cutting and clearingthin junglr including Removal of roots with a intitial lead of 50 m and life of 1.50 m and General cleaning Removal of Dried leaves, soid waste and cleaning of the area (BBMP SR 2019-20)	Sq.m	10000	8.50	85000.00
2	Shrubs in Isolated Plants:				
a	Digging pits : of size 0.45x0.45X0.45m filling upto 50% of the pits with top excavated soil & remaining 50% with the mixture of sand (0.007 cum), Fym (0.014 cum), Red earth (0.021 cum) (i.e., in the proportion of 1:2:3) Exclusive of cost of plants & inclusive ingredients. (BBMP SR 2019-20)	Each	1000	87.00	87000.00
b	Cost of the Plants(including Transportation and Handling charges) (BBMP SR 2019-20)	Each	1000	200.00	200000.00
3	Shrubs in Groups				

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Sl. No	Description of item	Unit	Qty	Rate	Amount
a	Developing the area for Shrubs by digging to a depth of 0.45m, filling 50% with sand (0.0375 cum), Fym (0.075 cum), Red Earth (0.21cum) (i.e, in the proportion of 1:2:3). And planting with . well established plants.(8 Plants per sq mtr) Exclusive of cost of plants & inclusive of ingredients. (BBMP SR 2019-20)	Sq.m	2834	435.00	1232790.00
b	Cost of the plant (8 Plants per sqm) including Transportation and Handling charger (BBMP SR 2019-20)	Sq.m	2834	600.00	1700400.00
4	Planting of Ground cover plants :				
a	Developing the area for ground cover herbal plants by digging 1x1x0.45m, filling 50% of the area with excavated top soil & remaining 50% with sand (0.0375 cum), Fym (0.075 cum), Red earth (0.112 cum). (i.e., in the preparation of 1:2:3) Exclusive of cost of plants & inclusive ingredients (BBMP SR 2019-20)	Sq.m	400	435.00	174000.00
b	Cost of the plant (10 Plants per sqm) including Transportation and Handling charges)(BBMP SR 2019-20)	Sq.m	400	350.00	140000.00
5	Development of lawn:-				
	Scrapping and Removing top soil:-				
a	Clearing the site by scrapping and removing top layer of soil , removing unwanted debris, grass along with excavated earth to a distance of 500M from the spot, including lead, lift loading and unloading Charges (1x1x0.15m)(BBMP SR 2019-20)	sqm	2900	69.04	
	1st Digging :				
b	Earth work digging including removing weeds, debris, if any and breaking of clumps, watering etc., to depth of 0.45m (1x1x0.45m)(BBMP SR 2019-20)	sqmt	2900	97.16	
	2nd Digging :				

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Sl. No	Description of item	Unit	Qty	Rate	Amount
c	Digging for second time and removing weeds, if any minor. leveling.to depth of 0.45m (1x1x0.45m)(BBMP SR 2019-20)	sqm	2900	48.58	
	Soil filling for lawn :				
d	Supplying and stocking of good quality red earth filling for the top layer to depths of 0.15m (1x1x0.15m) (BBMP SR 2019-20)	Sq.m	2900	65.81	
e	Providing sand, FYM and Red earth in the ratio of 1:3:6 and spreading to a depth of 7.5 cm at the required site. (BBMP SR 2019-20)	Sq.m	2900	53.80	
	Sand (0.075 cu.m/Sqm) Rs.10.87				
	FYM (0.0225Cu.m /Sqmt Rs.23.19				
	Red earth (0.045 Cu.m/Sq.m) Rs.19.74				
	Chemicl Fertilizers:				
f	Super phospates (50gm/Sq.m Rs.0.1.00/Sq.m, Neem oil cake (250gm/Sqm Rs.6.00/Sqm, Bone meal (250 gm/Sqm, Rs.4.00/Sqm Potash (50gm/Sqm Rs.1.00/sq. Furodon (25gm/Sq.m, Rs.2.00/sq.m Ammonium sulphate (100 m/Sq.m.Rs.2.00/ Sqm (BBMP SR 2019-20)	gm/Sq.m	2900	16.00	
g	Supply of lawn grass-Phaspulam	Sq.m	2900	15.00	
h	Other Charge: cost twoards dibbling /laying of lawn inclusive of mixing of ingradents, application of manure and spreading (5x5 Cm) (BBMP SR 2019-20)	Sq.m	2900	84.00	
	Total cost for Developing Lawn :- Phaspulam	Sq.m	2900	449.39	1303231.00
6	Hedges:				
a	Developing hedges by digging trenches of size 0.45mx0.45m, filling 50% of the trench with excavated top soil & remaining 50% with the mixture of sand (0.0112 cum), Fym (0.0224 cum) (i.e, in the proportion of 1:2:3) (Exclusive of cost of plants & inclusive ingredients.) (BBMP SR 2019-20)	Rmt	400	195.00	78000.00
b	Cost of the plants (7 plants/Rmt):(BBMP SR 2019-20)	Rmt	400	210.00	84000.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	Supplying & planting of specimen plants				
7	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Alpinia purpurata** (60 to 90cmht) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	150	800.00	120000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Raphis Exalsa** (90 cm - 120 cm)ht including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	150	1500.00	225000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Howea Fosteriana** (50cm-60cm) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	80	2000.00	160000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Golden Cyprus** (90 cm - 120cm) including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	60	1500.00	90000.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Plumeria Pudica (150cm - 240cmht)** including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	20	1000.00	20000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Planting of **Ficus Black (90cm - 150cmht)** including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	45	2500.00	112500.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and **Planting of Ficus Ponda (90cm - 150cmht)** including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	50	2500.00	125000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and Philondedron **Xanadu (45cm - 60cmht)** including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	85	800.00	68000.00
	Digging pits size 0.75m X 0.75. X 0.75. filling up to 50% the pits with top excavated soil and remaining 50% with sand FYM, Red earth (0.021 Cum) (i.e. in the Proporation of 1:2:3) and **Drecena Marginata Tricolour (60 to 90)** including cost of plant, materialsm transporation and handling & Planting cost) (BBMP SR 2019-20)	Each	143	900.00	128700.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	Sprinklers System				
8	Providing and fixing of sprinkler system within the site by using 25mm/10kg, 40mm/6kg, 50mm/6kg good quality PVC pipes, ISI marked Sprinklers, control valves and fitting etc., Including excavation and back filling treches, (Excluding of providing borewell, electrification and pump) As per the specification and direction of the concerned officer. Rates may be quoted as per data rate specific tothe field condition.(BBMP SR 2019-20)	Each	61	4000.00	244000.00
9	**Park Maintenance**:- for 02 Months (BBMP SR 2017-18)	Sq.m	16000	20.83	333280.00
				Sub Total Non GST Items	333280.00
				Sub Total GST Items	6377621.00
				GST 18%	1147971.78
				Total	7858872.78
				0.5% FOR DPR CHARGES	40000.00
				0.5% FOR PMC CHARGES	40000.00
				Miscellaneous	61127.22
				Grand Total	8000000.00
				(Rupees Eighty Lakhs Only)	

CERTIFICATE

1 Certified that I have inspected the area and prepared the estimate.

2 Certified that the work proposed in this estimate is not included in any other scheme.

3 Estimate is prepared based on the BBMP Horticulture SR 2017-18&2019-20

4 Gst/Govt Applicable Charges based on Government Order

P.M. Malapadar
Horticulture Assistant
Yelahanka zone

Lakshmi
Senior Assistant Director of Horticulture
Yelahanka zone

RUDRAPRASAD CONSULTANTS BANGALORE

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BRUHAT BANGALORE MAHANAGARA PALIKE					
Name of the work:- Upgradation , New Landscape Development and Maintenance of Parks at Yelahanka Zone (Package Consists of 8 Works)					
4. New Landscape Development and Maintenance of park at Basavalingappa, Deo Marvel Layout and Maasthi Venktesha Iyangar park					
					(Amount In lakhs Rs.60.00)
Sl. No	Description of item	Unit	Qty	Rate	Amount
	Total Park Area 6350 Sqmt.				
	Total Hard Scape area 1000 Sqmt.				
	Total arealeft for Landscape Development: 5350 sqmt.				
1	SITE /JUNGLE CLEARENCE:-Cutting and clearingthin junglr including Removal of roots with a intitial lead of 50 m and life of 1.50 m and General cleaning Removal of Dried leaves, soid waste and cleaning of the area (BBMP SR 2019-20)	Sq.m	5350	8.50	45475.00
2	Planting of Trees				
a	Digging pits of size 0.75m,x0.75mx0.75m and filling upto 50% of the pits with top excavated soil and remaining 50% with sand (0.035Cum), Fym(0.70Cum) Red Earth (0.105 Cum) (i.e., in the proportaion of 1:2:3) and planting with well established plants Exclusive of cost of Plants & inclusive of ingredients. (BBMP SR 2019-20)				
b	Dost of the plant				
	2.5' -5' Height				
	5' - 10' Height	Each	65	600.00	39000.00
3	Shrubs in Isolated Plants:				
a	Digging pits : of size 0.45x0.45X0.45m filling upto 50% of the pits with top excavated soil & remaining 50% with the mixture of sand (0.007 cum), Fym (0.014 cum), Red earth (0.021 cum) (i.e., in the proportion of 1:2:3) Exclusive of cost of plants & inclusive ingredients. (BBMP SR 2019-20)	Each	450	87.00	39150.00
b	Cost of the Plants(including Transportation and Handling charges) (BBMP SR 2019-20)	Each	450	200.00	90000.00

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Sl. No	Description of item	Unit	Qty	Rate	Amount
4	Shrubs in Groups				
a	Developing the area for Shrubs by digging to a depth of 0.45m, filling 50% with sand (0.0375 cum), Fym (0.075 cum), Red Earth (0.21cum) (i.e, in the proportion of 1:2:3). And planting with . well established plants.(8 Plants per sq mtr) Exclusive of cost of plants & inclusive of ingredients. (BBMP SR 2019-20)	Sq.m	2051	435.00	892185.00
b	Cost of the plant (8 Plants per sqm) including Transportation and Handling charges (BBMP SR 2019-20)	Sq.m	2051	600.00	1230600.00
5	Planting of Ground cover plants :				
a	Developing the area for ground cover herbal plants by digging 1x1x0.45m, filling 50% of the area with excavated top soil & remaining 50% with sand (0.0375 cum), Fym (0.075 cum), Red earth (0.112 cum). (i.e., in the preparation of 1:2:3) Exclusive of cost of plants & inclusive ingredients (BBMP SR 2019-20)	Sq.m	450	435.00	195750.00
b	Cost of the plant (10 Plants per sqm) including Transportation and Handling charges) (BBMP SR 2019-20)	Sq.m	450	350.00	157500.00
6	Supplying of Red Soil (Newearth filling)	Cum	600	438.75	263250.00
	Supply of Good Quality Red soil for Gardening and Growing of plants, Shrubs, etc., including the % weightage given to BBMP Area. (BBMP SR 2019-20)				
	Development of lawn:-				
	Scrapping and Removing top soil:-				
a	Clearing the site by scrapping and removing top layer of soil , removing unwanted debris, grass along with excavated earth to a distance of 500M from the spot, including lead, lift loading and unloading Charges (1x1x0.15m)(BBMP SR 2019-20)	sqm	800	69.04	

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Sl. No	Description of item	Unit	Qty	Rate	Amount
	1st Digging :				
b	Earth work digging including removing weeds, debris, if any and breaking of clumps, watering etc., to depth of 0.45m (1x1x0.45m) (BBMP SR 2019-20)	sqmt	800	97.16	
	2nd Digging :				
c	Digging for second time and removing weeds, if any minor. leveling.to depth of 0.45m (1x1x0.45m)(BBMP SR 2019-20)	sqm	800	48.58	
	Soil filling for lawn :				
d	Supplying and stocking of good quality red earth filling for the top layer to depths of 0.15m (1x1x0.15m) (BBMP SR 2019-20)	Sq.m	800	65.81	
e	Providing sand, FYM and Red earth in the ratio of 1:3:6 and spreading to a depth of 7.5 cm at the required site. Sand (0.075 cu.m/Sqm), FYM (0.0225Cu.m /Sqmt Red earth (0.045 Cu.m/Sq.m)(BBMP SR 2019-20)	Sq.m	800	53.80	
	Sand (0.075 cu.m/Sqm) Rs.10.87				
	FYM (0.0225Cu.m /Sqmt Rs.23.19				
	Red earth (0.045 Cu.m/Sq.m) Rs.19.74				
f	Chemicl Fertilizers: Super phospates (50gm/Sq.m), Neem oil cake (250gm/Sqm Bone meal (250 gm/Sqm, Potash (50gm/Sqm. Furodon (25gm/Sq.m, Ammonium sulphate (100 gm/Sq.m.(BBMP SR 2019-20)	gm/Sq.m	800	16.00	
g	Supply of lawn grass-Phaspulam	Sq.m	800	15.00	
h	Other Charge: cost twoards dibbling /laying of lawn inclusive of mixing of ingradents, application of manure and spreading (5x5 Cm)(BBMP SR 2019-20)	Sq.m	800	84.00	
	Total cost for Developing Lawn :- Phaspulam	Sq.m	800	449.39	359512.00

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